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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/070,326	06/11/2002	Amardiya Scsmun	040025-000000US	4556

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EXAMINER

SWEARINGEN, JEFFREY R

ART UNIT	PAPER NUMBER
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2145

DATE MAILED: 11/15/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/070,326

Applicant(s)

SESMUN ET AL.

Examiner

Jeffrey R. Swearingen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 August 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 9-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 9-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 8/28/2006 has been entered.

Response to Arguments

2. Applicant's arguments with respect to claims 9-20 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 9-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Wang (US 6,614,774 B1).

5. In regard to claims 9 and 15, Wang disclosed:

a mobile terminal is associated with a first domain of said plurality of interlinked domains and a first subnet within said first domain, a DNS name server of said first domain storing a name for said mobile terminal and a first output address of said mobile terminal, which first output address includes an identifying identification of said first subnet, whereby the input to the network of said name for said mobile terminal causes said DNS name server of said first domain to output said first output address; [column 7, line 60 – column 8, line 16]

when said mobile terminal moves to a second subnet associated with a second domain of the plurality of interlinked domains, said DNS name server of said second domain stores said name for said mobile terminal and a second output address for said mobile terminal, said second output address including an identification of said second subnet, and said first output address stored in said DNS name server of said first domain is updated with an address of said DNS name server of said second domain, whereby an input to said network of said name for said mobile terminal causes said DNS name server of said first domain to output an address of said DNS name server of said second domain, and causes said DNS name server of said second domain to output said second output address; [column 7, line 60 – column 8, line 16] and

when said mobile terminal moves to a third subnet, also within said second domain, said second output address stored in said DNS name server of said second domain is updated with a third output address, said third output address including an identification of said third subnet.

[column 7, line 60 – column 8, line 16]

Wang disclosed a mobile IP system with a DNS lookup system. Mobile terminals were dynamically updated to new visited DNS networks.

6. In regard to claims 10 and 16, Wang disclosed:

no signal is sent between said first domain and said second domain as a consequence of the mobile terminal moving from the second subnet to the third subnet. [column 8, lines 17-32]

7. In regard to claims 11 and 17, Wang disclosed:

said mobile terminal requests that an update be sent to said DNS name server of said second domain upon moving to said third subnet. [column 8, lines 17-32]

8. In regard to claims 12 and 18, Wang disclosed:

said DNS name server of said second domain transmits updates to said DNS name server of said first domain regarding status of said mobile terminal. [column 8, lines 17-32]

9. In regard to claims 13 and 19, Wang disclosed:

when said mobile terminal moves to a location within a third domain of said plurality of interlinked domains, a DNS name server of said third domain is configured to notify said DNS

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name server of said first domain to update said address of said DNS name server of said second domain with an address of said DNS name server of said third domain. [column 7, line 60 – column 8, line 16; column 8, lines 58-67]

10. In regard to claims 14 and 20, Wang disclosed:

when said mobile terminal moves to a location within a third domain of said plurality of interlinked domains, said mobile terminal is configured to notify said DNS name server of said first domain to update said address of said DNS name server of said second domain with an address of said DNS name server of said third domain. [column 7, line 60 – column 8, line 16; column 8, lines 58-67]

Specification

11. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Conclusion

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Forslow	US 6,680,832 B2
Lee et al.	US 6,161,008
Mizell et al.	US 6,201,965 B1
Okanoue	US 6,307,843 B1
Huttunen et al.	US 6,356,761 B1
Slemmer et al.	US 6,377,990 B1
Sitaraman et al.	US 6,427,170 B1
Kumaki et al.	US 6,473,411 B1
Inoue et al.	US 6,510,153 B1
Inoue et al.	US 6,587,882 B1

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey R. Swearingen whose telephone number is (571) 272-3921. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on 571-272-3933. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Jason Cardone
Supervisory Patent Examiner
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